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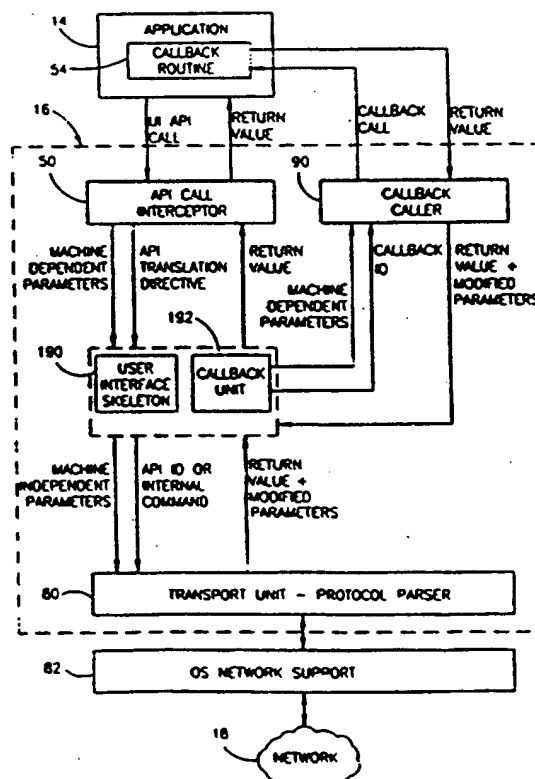
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(21) International Application Number: PCT/IL97/00022 (22) International Filing Date: 15 January 1997 (15.01.97) (30) Priority Data: 116804 17 January 1996 (17.01.96) IL (71) Applicant (for all designated States except US): MENTA SOFTWARE LTD. (IL/IL); 3 Haplada Street, 60218 Or Yehuda (IL). (72) Inventors; and (75) Inventors/Applicants (for US only): GOLAN, Gilad (IL/IL); 103 Usishkin Street, 47210 Ramat Hasharon (IL). ZANGVIL, Avner (IL/IL); 49 Sheinkin Street, 65233 Tel Aviv (IL). ZANGVIL, Amon (IL/IL); 49 Sheinkin Street, 65233 Tel Aviv (IL). (74) Agent: A. TALLY EITAN - ZEEV PEARL, D. LATZER & CO.; Law Offices, Lumir House, 22 Maskit Street, 46733 Herzlia (IL).	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report. (88) Date of publication of the international search report: 2 October 1997 (02.10.97)	

(54) Title: APPLICATION USER INTERFACE REDIRECTOR

(57) Abstract

A novel application user interface redirector (16) is disclosed that operates to extend an operating system (12), like Windows 95 or Windows NT, to allow applications (14) to be used on one machine while actually executing on another machine. Most elements of the application (14) execute on the server (16) while the user interface elements of the application execute on the client (20). The result is that applications perform most operations, including input/output (I/O) intensive and CPU intensive operations, on the server (16) but interact with the user on the local machine like any local application would. Multi-user capabilities are extended to support execution of applications, supporting multiple concurrent remote users. Utilizing the present invention, applications (14) can execute on mixed architectures.



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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER																				
IPC(6) : G06F 9/455 US CL : 395/682 According to International Patent Classification (IPC) or to both national classification and IPC																				
B. FIELDS SEARCHED																				
Minimum documentation searched (classification system followed by classification symbols) U.S. : 395/682, 329																				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) APS																				
C. DOCUMENTS CONSIDERED TO BE RELEVANT																				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																		
Y	US 5,440,699 A (FARRAND ET AL) 08 AUGUST 1995 (06/24/91), SEE ENTIRE DOCUMENT, ESPECIALLY COLUMN 5, LINES 30 TO 55.	13, 14, 15																		
Y	US 5,283,861 A (DANGLER ET AL) 01 FEBRUARY 1994 (08/31/90), SEE ENTIRE DOCUMENT, ESPECIALLY COLUMN 4.	13, 14, 15																		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.																				
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Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230		Authorized officer KEVIN KRIESS <i>Jon K</i> Telephone No. (703) 305-9600																		

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